



FEMA

# Fact Sheet

July 2006

## Washington County, WI DFIRM Production

### Introduction

With contracted support from CDM, the Federal Emergency Management Agency (FEMA) and the Wisconsin Department of Natural Resources (DNR) have teamed up to produce countywide digital flood insurance rate maps (DFIRMs) for Washington County, WI. Work on the DFIRM production tasks began in the fall of 2005, and is scheduled to be completed by the end of December 2006. This Fact Sheet is being distributed to provide an update of the status of this project, including:

- Review of different production types to create DFIRMs
- Summary of the Scope of Work and stream reaches that are included in the DFIRM process
- Estimated completion schedule
- Points of contact if you have questions

### DFIRM Production Types

**FIRM-Based Delineation:** Production method where existing effective flood boundaries are converted to a digital format. This method is used in areas where there is no new topographic data available to revise the flood data.

**Redelineation:** Production method where existing effective flood boundaries are revised based on more accurate topographic data.

**Leverage Study:** Production method where a revised flood study is provided by a third party, such as a CTP or private contractor; pending review for compliance with FEMA guidelines the study is subsequently incorporated into the new DFIRM.

### Scope of Work

Based on available funding, available data, and community needs, the Washington County, Countywide DFIRM Project Scope includes the following:

- Digital Base Map preparation

- Mapping production including FIRM-Based Delineation, Redelineation and Leverage Study
- Production of 80 proposed DFIRM panels
- Production of Countywide FIS report and profiles
- Preliminary DFIRM/FIS distribution

The table included with this Fact Sheet contains a detailed list of stream mileage and the associated study type for each reach that will be included in the DFIRMs. The table also includes a list of "Unmet Community Needs" which represents stream reaches that were not included in this initial phase because they did not have appropriate technical information, were not available to meet the current Map Mod schedule requirements, or did not have available funding. Unmet needs will be addressed in the subsequent maintenance phase of FEMA's Map Modernization Program.

### Progress and Next Steps in DFIRM Process

The mapping production phase for Washington County is over 90% complete. Once FEMA and WDNR have completed the draft floodplain boundaries, the draft maps will be reviewed for technical accuracy and compliance with FEMA guidelines and specifications, and incorporated into the DFIRMs. Following the distribution or posting of preliminary map products to county and DNR websites, FEMA and the DNR will conduct a Flood Risk Information Open House at a common county venue; the purpose of this event will be to present the new maps, discuss the public comment and 90-day appeals process, and share flood risk and mitigation information with the public. A smaller meeting will also be held with community officials to discuss the public review process in more detail and outline ordinance update measures that will be required at the end of this mapping project. These meetings are tentatively scheduled for winter 2007.

The following table contains a detailed list of stream mileage and the associated Study Type for each reach.

This information can also be downloaded from the DNR website at <http://dnr.wi.gov/org/water/wm/dsfm/flood/mapping.htm>.

#### WASHINGTON COUNTY DFIRM UPDATE

Flooding Source	Zone AE Redelineation (miles)	FIRM- Based Delineation (miles)	Leverage Study (miles)	Zone A Redelineation (miles)
Allenton Creek				2.81
Amy Bell Creek		0.37		
Ashippun River	6.62	0.86		
Bark River		5.48		0.00
Bolton Brook		0.60		
Bonniewell Creek		2.55		
Cedar Creek	1.17	34.03		9.40
Cedarburg Creek		2.78		
Coney River			7.13	0.00
East Branch Milwaukee River	1.89	1.48		5.43
East Branch Rock River				15.19
Flynn Creek				5.52
Hasmer Creek		1.22		
Jackson Creek		0.68		
Kewaskum Creek	0.88		0.44	
Knights Creek			0.20	
Kohlsville River		1.35		6.96
Limestone Creek				6.00
Little Cedar Creek		5.24		
Little Oconomowoc River				3.42
Mason Creek				2.09
Menomonee River	0.04	12.89		0.08
Milwaukee River	12.23	7.69	10.56	0.01
Myra Creek		2.64		
No Name Creek				1.25
North Branch Menomonee River		2.18		
North Branch Milwaukee River		10.61		1.67
North Creek			0.80	
Oconomowoc River			17.98	0.58
Quaas Creek			6.00	
Rubicon River	2.67	3.08	3.29	1.17
Scenic Brook		0.90		
Silver Creek	4.55			0.07
Silverbrook Creek	1.22			
Stony Creek		2.91		
Unnamed Tributary		3.56		124.71
Wallace Creek		0.76		
Washington Creek	1.36			
West Branch Menomonee River		3.02		
West Branch Milwaukee River	0.51			
Willow Creek		2.77		1.39

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Flooding Source	Zone AE Redelineation (miles)	FIRM- Based Delineation (miles)	Leverage Study (miles)	Zone A Redelineation (miles)
Wingate Creek			2.00	
<b>TOTAL STREAM MILES</b>	<b>33.14</b>	<b>109.66</b>	<b>48.39</b>	<b>192.55</b>

## MAP MODERNIZATION MAINTENANCE - UNMET NEEDS

Flooding Source	Needs Identified
City of Hartford	Streams being studied by SEWRPC
Oconomowoc River	SEWRPC study to be completed 2006 incorporated 2007
Milwaukee River and Quas Creek	Have new planned development not in current leverage studies

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### Project Points Of Contact

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